

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims

1. (previously presented) An apparatus for dispersing a fire suppression agent, comprising:

a housing defining a cavity, the cavity having an opening;

a cover for sealing the opening;

a fire suppression agent disposed with the cavity;

a flexible sheet disposed with the cavity, the flexible sheet configured to disperse the fire suppression agent upon opening of the cover with the opening downwardly oriented, wherein the flexible sheet is folded into multiple layers such that the layers overlap; and

a latch having a first position for maintaining the cover in a position to close the opening and a second position for opening the cover to disperse the fire suppression agent.

2. (canceled)

3. (original) The apparatus of claim 1 in which the flexible sheet is secured in part to the housing and in which the flexible sheet and fire suppression agent are disposed within the cavity such that upon opening the cover, at least a part of the flexible sheet falls outside the cavity.

4. (previously presented) The apparatus of claim 3 in which at least some of the fire suppression agent is disposed between the overlapping layers of the folded flexible sheet.

5. (canceled)

6. (canceled)

7. (canceled)

8. (previously presented) The apparatus of claim 1 in which the flexible sheet is configured such that a portion of the flexible sheet and the fire suppression agent move from the housing primarily by the force of gravity upon opening the cover.

9. (original) The apparatus of claim 1 in which the flexible sheet is configured to unfold and release successive units of fire suppression agent upon opening the cover.

10. (original) The apparatus of claim 1 in which the flexible sheet is configured to distribute the fire suppression agent alternatively in different directions upon opening the cover.

11. (canceled)

12. (original) The apparatus of claim 1 in which the flexible sheet includes depressions for holding fire suppression material.

13. (original) The apparatus of claim 1 further comprising a thermally activated trigger for moving the latch to the second position upon detecting a fire.

14. (previously presented) The apparatus of claim 13 in which the thermally activated trigger includes a bimetallic disk or a material with a low melting point that yields to an unlatching force as its temperature increases.

15. (original) The apparatus of claim 1 further comprising a switch for signaling a device to remove an energy source from a stove.

16. (previously presented) A method of dispersing a fire suppression agent to extinguish a fire, comprising:

providing a housing including therein a dry fire suppression agent between folded layers of a flexible sheet;

unlatching a latch to open the housing and release the dry fire suppression agent, at least a part of the flexible sheet moving out of housing, the flexible sheet dispersing the fire suppression agent as the flexible sheet unfolds.

17. (cancelled)

18. (original) The method of claim 16 in which dispersing the fire suppression agent includes distributing pulses of fire suppression agents.

19. (original) The method of claim 18 in which the fire suppression agent distributes pulses of fire suppression agents in more than one different direction.

20. (previously presented) A method of making a fire suppression module, comprising:

providing a housing, a flexible sheet, and a fire suppression agent;

folding the flexible sheet with the fire suppression agent placed between the layers of folds;

placing the layered flexible sheet and fire suppression agent within the housing;

and

providing a latch to open the housing and release the flexible sheet and the fire suppression agent.

21. (original) The method of claim 20 further comprising securing a part of the flexible sheet to the housing.

22. (canceled)

23. (cancelled)

24. (original) The method of claim 20 in which providing a latch included providing a thermally activated trigger to open the latch.

25. (original) The method of claim 24 in which providing a thermally sensitive trigger includes providing a thermally sensitive trigger that includes a bimetallic disk or a low melting temperature material that yields to an unlatching force as its temperature increases.

26. (original) The method of claim 20 further comprising providing a switch that signals device to remove an energy source from a stove.

27. (previously presented) An apparatus for dispersing a fire suppression agent over a stove, comprising:

a housing defining a cavity, the cavity having an opening;

a cover for covering the opening;

a latch having a first position for maintaining the cover in a closed position about the opening, and a second position for allowing the cover to uncover the opening; and

a flexible sheet for being rolled up within the cavity with the cover in the closed position, and configured to disperse the fire suppression agent upon the uncovering of the opening with the opening downwardly oriented, wherein the flexible sheet includes at least one pocket for containing the fire suppression agent.

28. (currently amended) The apparatus of claim ~~[[26]]~~ 27 wherein the at least one pocket includes a tube with an opening at one end of the flexible sheet for releasing the fire suppression agent from the opening of the tube as the end of the flexible sheet is unrolled.